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CODE



INTERPRETATION

## MECKLENBURG COUNTY

### Building Code Enforcement

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CODE: 2012 NC RESIDENTIAL CODE

SUBJECT: NOTCHED STUD REPAIR

REVIEWED: RESIDENTIAL CONSISTENCY TEAM

**Question:**

What are acceptable ways to repair notched studs in bearing walls?

**Code reference:**

Section R602.6, NC Administrative Code and Policies section 105

**Answer:**

1. Studs may be repaired based on engineering calculations or under the following conditions and methods:

Repair conditions:

1. 2x4 @12"o.c. or 2x4 @16"o.c.
2. Notch may not exceed 2" deep
3. Maximum stud height of 10'
4. Is a repetitive member- not supporting concentrated load

Repair Methods:

1. Minimum 18" 2x4 scab centered on notch with minimum 5-16d or equal nails above and 5 below notch. Nails must be 1" from scab edges and staggered
2. Flat full length "L" stud placed at interior or exterior face of notched stud, nailed together at 9"o.c. for full height-16d nails or equal

Notes:

1. No "H" let-in scabs allowed
2. Conditions other than the above will require full replacement or site specific design.

2. Approved "stud shoes" may be used when installed per manufacturer's instructions.

Approved By Jeff Vernon Date 1/5/2016